Index of Claims

| Application/Control N | ٥. |
|-----------------------|----|
|-----------------------|----|

10/822,062

Examiner

Edward Wojciechowicz

Applicant(s)/Patent under Reexamination

BHAT ET AL.

Art Unit

2815

| √ | Rejected |
|---|----------|
| _ | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |  | ـــــ           | 1                  |                    |          |  | J        |  | Ц        | ــــــــــــــــــــــــــــــــــــــ |
|----------|--|-----------------|--------------------|--------------------|----------|--|----------|--|----------|--|
| C        | aim                                    |                 |                    |                    |          | Dat  |          |  |          |  |
| <u> </u> |  | <b>-</b>        | _                  | _                  |          | Dat  | e -      | _  | _        | <del></del>                            |
| Final    | Original                               | 3/5/6           |                    |                    |          |  |          |  |          |  |
| -        |  | ۳               | ├                  | ⊢                  | -        | ╄  | ╄        | ╀-   | 1        | $\vdash$                               |
|          | 1<br>2<br>3<br>4<br>5                  | ┼~              | -                  | ⊢                  | ╀        | ┿  | ╀        | ╀  | -        | ┦┤                                     |
|          | 3                                      | ╁               |                    | $\vdash$           | ┼        | +  | ╁        | ╁╌   | ļ.       | ╁╌┨                                    |
| ├        | 4                                      | +               |                    | ┢                  | $\vdash$ | 1  | ╁        | ╁  | ╁        | +                                      |
| <b>-</b> | 5                                      | $\vdash$        | -                  | $\vdash$           | $\vdash$ | +  | ╁        | +  | ┼─       | +-                                     |
|          | 6                                      | $\vdash$        | $\vdash$           | ┢                  | -        | $\vdash$   | $\vdash$ | +-   | +        | $\vdash$                               |
|          | 7                                      | $\vdash$        |                    | 1                  | t        | 1-   | t        | T  | 1        | 1                                      |
|          | 6<br>7<br>8                            |                 | Г                  | ✝                  | T        | T  |          | Т  | T        | П                                      |
|          | 9                                      |                 |                    |                    | T        |  | Т        |  |          | П                                      |
|          | 10                                     |                 |                    |                    |          | Ī  |          |  |          | $\sqcap$                               |
|          | 11                                     |                 |                    |                    |          |  |          |  |          |  |
|          | 12                                     | <u> </u>        | $oxedsymbol{oxed}$ | $oxedsymbol{oxed}$ | <u> </u> | 匚  | 匚        | L  | 匚        | $\Box$                                 |
| <u> </u> | 13<br>14<br>15                         | $oxed{oxed}$    | L                  | L                  | L        | $\perp$  | L        | ┖  |          | Ц                                      |
| <u> </u> | 14                                     | <u> </u>        | L                  | ļ.                 | <u> </u> | _  | <u> </u> | $\vdash$   |          | Ц                                      |
|          | 15                                     | <u> </u>        |                    | Ľ.                 | <u> </u> |  | ┞_       | ļ  | _        | Ш                                      |
|          | 16                                     | -               | _                  | <del> </del>       | ⊢        | _  | -        | <del> </del> —                                   | ₩        | $\vdash$                               |
|          | 17                                     | -               | <u> </u>           | ⊢                  | ┝        | <b>├</b>   | -        | ⊢  | -        | $\vdash$                               |
|          | 18<br>19                               |                 | ⊢                  |                    | ⊢        | _  |          | ├  | ├        | $\vdash$                               |
|          | 20                                     | Ť               |                    | -                  | ┝        | ┼  | ╁        | ⊢  | ┢        | $\vdash$                               |
|          | 21                                     | Н               | -                  | ┢                  | $\vdash$ | ╁╾   | $\vdash$ | <del>                                     </del> | $\vdash$ | -                                      |
|          | 22                                     | H               | -                  | $\vdash$           |          | ┢  |          | <del>                                     </del> | $\vdash$ | $\vdash$                               |
|          | 21<br>22<br>23<br>24<br>25<br>26<br>27 | H               |                    |                    | $\vdash$ | $\vdash$   | ╫        |  | t        | $\vdash$                               |
|          | 24                                     | Ш               |                    | -                  | T        | ┢  | $\vdash$ |  |          | $\vdash$                               |
|          | 25                                     | П               |                    |                    |          |  | $\vdash$ |  |          | П                                      |
|          | 26                                     |                 |                    |                    |          | Γ  |          |  |          |  |
|          | 27                                     |                 |                    |                    |          |  |          |  |          |  |
|          | 28                                     | Ш               |                    |                    |          |  |          | L  |          |  |
|          | 29<br>30                               | Ш               |                    |                    |          | 匚  | L        | L  |          | Ш                                      |
| _        | 30                                     | Ш               |                    | ļ                  | <u> </u> | L  | <u> </u> | _  |          | Н                                      |
|          | 31                                     |                 |                    | <u> </u>           | ├        | <u> </u>   | ┡        | ⊢-   | _        | Н                                      |
|          | 32<br>33                               | Н               |                    | _                  | -        | _  |          | ┝  | -        |  |
|          | 34                                     | HH              |                    | _                  | $\vdash$ | -  | $\vdash$ | $\vdash$   | -        | $\vdash$                               |
|          | 35                                     | Н               |                    | _                  | $\vdash$ | ┢  | ┝        | $\vdash$   | ⊢        | $\vdash$                               |
|          | 36                                     | H               |                    | _                  | -        | <del>                                     </del> | $\vdash$ | -  | -        | Н                                      |
|          | 37                                     | ╁┼┤             |                    |                    | ┢═       | $\vdash$   | $\vdash$ | ┢  |          | Н                                      |
|          | 38                                     | Ш               |                    | Г                  | Π        | Τ  | Г        | -  | Г        | П                                      |
|          | 39                                     |                 |                    |                    |          |  |          |  |          |  |
|          | 40                                     |                 |                    |                    |          |  |          |  |          |  |
|          | 41                                     | $\square$       | _                  |                    |          |  | 匚        |  |          |  |
|          | 42                                     | <b>V</b>        |                    |                    |          |  | Ĺ        |  |          |  |
|          | 43                                     | Ш               |                    |                    | <u>L</u> | L  | L        | _  | oxdot    | Ш                                      |
|          | 44                                     | $\sqcup$        | _                  |                    | _        | <u> </u>   |          | _  | _        | Ш                                      |
|          | 45                                     | L.              |                    |                    | <u> </u> | Ш  |          | _  | <u> </u> | Ш                                      |
|          | 46                                     | $\vdash \vdash$ | _                  |                    | <u> </u> | $\vdash$   | $\vdash$ | <b> </b>   | <u> </u> | Ш                                      |
|          | 47                                     | ⊢-∤             | _                  |                    | -        | <u> </u>   |          | L.   | <u> </u> | $\vdash$                               |
|          | 48<br>49                               | $\vdash$        | $\dashv$           |                    | -        | -  | _        | -  | -        | H                                      |
| -        | 50                                     | $\vdash$        |                    | _                  | -        | $\vdash$   |          | <u> </u>   | -        | Н                                      |
|          | JU                                     | ∟⊥              |                    |                    |          |  |          |  | l.       | 1 1                                    |

| Cla  | aim            | Г        |              |  |  | Dat  | e              |  |                |                |
|--|----------------|----------|--------------|--|--|--|----------------|--|----------------|----------------|
|  |                | T        | Τ            | Т  | T  | Ť  | Ť              | Т  | T              | Т              |
| Final  | Original       |          |              |  |  |  |                |  |                |                |
|  |                | ├        | ╁            | -  | ╀  | ╀  | ╀              | ╁  | +              | ┢              |
| -  | 5              | ⊢        | +            | +  | +  | +-   | -              | ╁  | -              | ┿              |
| <u> </u>   | 51<br>52<br>53 | ⊢        | ⊢            | ┼-   | ┼—   | ــــــــــــــــــــــــــــــــــــــ           | ╄              | ╄  | ╄              | ╄              |
| <u> </u>   | 53             | <u> </u> | ↓_           | <u> </u>   | ↓  | ↓_   | _              | ╙  |                | 辶              |
|  | 54<br>55       | L        | L            | _  | _  |  | _              |  |                | L.             |
|  | 55             |          |              |  |  |  |                |  |                |                |
|  | 56             | L        |              |  |  |  |                | -  |                |                |
|  | 57             |          | П            |  |  | Г  | Т              | П  | П              |                |
|  | 58             |          |              |  | T  | T  | T              | П  | Т              | T              |
|  | 59             |          | Т            | T  | T  | T  | 1              | T  | T              | T              |
|  | 60             |          | 1            | T  | T  | $\vdash$   | T              | T  | t              | $\vdash$       |
|  | 60<br>61       | ┢        | <del> </del> | ╁  | 十  | $\vdash$   | +              | ╁  | H              | $\vdash$       |
|  | 62             | -        | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$       | <del> </del>   | +              | +-             |
| <u> </u>   | 63             | $\vdash$ | $\vdash$     | 1-   | +  | ╁  | $\vdash$       | +-   | $\vdash$       | 1-             |
| $\vdash$   | 64             | -        | $\vdash$     | $\vdash$   | $\vdash$   | +  | +-             | ┼  | $\vdash$       | $\vdash$       |
| $\vdash$   | 04<br>6E       | ├-       | $\vdash$     | Ͱ  | +  | ╁  | <del> </del> - | ₩  | 1              | $\vdash$       |
|  | 65             | _        |              | ļ  | ┞  | ⊢  | ┾.             | -  | <u> </u>       | ⊢              |
|  | 66             | <u> </u> | <del> </del> | _  | _  | _  | <u> </u>       | _  | _              | _              |
|  | 67             |          | ╙            | <u> </u>   | ļ.,  | ـــــ  | ┖              | _  | ļ              | <u> </u>       |
|  | 68             |          | <u> </u>     |  | _  | Ц.   |                |  |                | L              |
| L  | 69             | _        | _            |  | L_   | L  |                |  | <u> </u>       | L              |
|  | 70             |          |              |  |  | L  |                | L  | L              | L              |
| Ŀ  | 71             | _        | L            |  |  |  |                |  |                |                |
|  | 72             |          |              |  |  |  |                |  |                |                |
|  | 73<br>74       |          |              |  |  |  |                |  |                |                |
|  | 74             |          |              |  |  |  |                |  | Г              |                |
|  | 75             |          |              | Γ  |  |  |                | П  |                |                |
|  | 76<br>77       |          |              |  |  |  |                |  |                |                |
|  | 77             |          | Г            | 1-   |  |  | Γ              |  |                |                |
|  | 78             |          |              | Г  |  |  |                |  |                |                |
|  | 79             |          |              | Τ  |  |  |                |  |                |                |
|  | 80             |          |              |  |  |  |                |  |                |                |
|  | 81             |          | _            |  |  |  | Ι-             | <u> </u>   |                | $\vdash$       |
|  | 81<br>82       | _        | $\vdash$     |  | <del> </del>   |  |                | Н  | $\vdash$       | $\vdash$       |
| <del>                                     </del> | 83             | _        | $\vdash$     |  | $\vdash$   | ┢  | -              | Н  |                | $\vdash$       |
|  | 84             |          |              | $\vdash$   | $\vdash$   | _  | $\vdash$       | $\vdash$   | $\vdash$       | $\vdash$       |
| $\vdash$   | 85             | -        | _            |  | $\vdash$   | -  | $\vdash$       | $\vdash$   | $\vdash$       |                |
| -  | 86             |          | -            | $\vdash$   | $\vdash$   | ┢  | $\vdash$       | $\vdash$   | $\vdash$       | $\vdash$       |
| <del>  </del>                                    | 87             |          | $\vdash$     | ⊢  | ├-   | <del>                                     </del> | $\vdash$       | $\vdash$   | $\vdash$       | $\vdash$       |
|  | 88             |          | $\vdash$     | <del> </del>   | ├—   | $\vdash$   | $\vdash$       | $\vdash$   | $\vdash$       | $\vdash$       |
| <b> </b>   | 89             |          | $\vdash$     | -  |  | -  | -              | <u> </u>   | -              | $\vdash$       |
| -  | 90             | _        |              | ⊢  | <del>  -</del>   | <del> </del> —                                   | <del> </del>   | ├-   | <del> </del> — | <del> </del> — |
| <b>  </b>  |                |          | -            |  | <del> </del>   | -  | -              | <u> </u>   | -              | <u> </u>       |
|  | 91             |          | <del> </del> |  | ├  | -  | ├              | ⊢  |                | <u> </u>       |
|  | 92             |          | ├            | _  | $\vdash$   | <u> </u>   | $\vdash$       | <u> </u>   | $\vdash$       | $\vdash$       |
| $\vdash$   | 93             |          | <u> </u>     | <u> </u>   | $\vdash$   | Ļ.   | $\vdash$       | <u> </u>   | $\vdash$       | $\vdash$       |
| $\vdash$   | 94             |          | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>       | <u> </u>   | <u> </u>       | Ь.             |
| $\vdash$   | 95             |          | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>   | _              | <u> </u>   |                | _              |
|  | 96             |          |              | <u> </u>   | <u> </u>   | <u> </u>   | oxdot          | L.   | <u> </u>       | $oxed{\Box}$   |
| $\square$  | 97             |          | <u> </u>     | _  | $oxed{oxed}$   | <u> </u>   | Ш              | <u> </u>   | L.,            | L              |
|  | 98             |          |              | <u> </u>   | Щ  | <u> </u>   | Ш              | Щ  | <u> </u>       |                |
|  | 99             |          |              | $ldsymbol{ld}}}}}}$ | $ldsymbol{ld}}}}}}$ |  |                | $ldsymbol{ld}}}}}}$ |                |                |
| 1 I  | 100            |          |              |  |  |  |                |  |                |                |

| CI       | aim                      | Γ  |            |  | _        | Dat       | e        |              |          |           |
|----------|--------------------------|--|------------|--|----------|-----------|----------|--------------|----------|-----------|
|          | l                        |  | T          | T  | Τ        | Т         | Т        | T            | T        | Π         |
| <u> </u> | Original                 |  |            |  |          | 1         | l        |              |          |           |
| Final    | i.Ē                      | ĺ  |            |  |          | l         |          |              |          |           |
|          | ٥                        |  |            |  |          |           |          |              | '        |           |
|          | 101                      |  |            | $\top$   | Т        | T         | T        | T            | T        | Τ         |
|          | 102                      | Т  |            | П  |          | Τ         | Τ        |              |          |           |
|          | 103                      | Π  | Т          | Т  |          | П         |          | Γ            |          |           |
|          | 104                      |  |            |  |          |           |          |              |          |           |
|          | 103<br>104<br>105        |  |            |  |          |           | I        |              |          |           |
|          | 106<br>107               |  |            |  |          |           |          |              |          |           |
|          | 107                      |  |            |  |          |           |          |              |          |           |
|          | 108                      | L  | L          |  |          | <u>L</u>  |          |              |          |           |
|          | 109                      |  |            |  |          | _         |          |              | _        |           |
| L        | 110                      | _  |            |  | L        | <u> </u>  | ↓_       | _            | <u> </u> |           |
|          | 111                      | _  | _          | <u> </u>   | _        | _         | 1_       | _            | $\perp$  |           |
|          | 112<br>113               | <u> </u>   | <u> </u>   | _  | <u>L</u> | _         | <u> </u> | <u> </u>     | <u> </u> | Ш         |
|          | 113                      | _  | _          | <del> </del>                                     | <u> </u> | <b>!</b>  | <b>L</b> | _            | <u> </u> | Ш         |
|          | 114<br>115               | <u> </u>   | ┞          | <u> </u>   | <u> </u> | ļ         | ┞        | _            |          | Ш         |
|          | 115                      | <u> </u>   | ⊢          | ├  | L        | <u> </u>  | ├        | <del> </del> | -        |           |
|          | 116<br>117               | <u> </u>   | ⊢          | ├  | ⊢        | -         | ┼—       | ┝            | ├-       | $\vdash$  |
|          | 117                      | -  | -          | ├  | ├─       | $\vdash$  | ├─       | ├            | -        | Н         |
|          | 110                      | ┢  | -          | -  | ╁        | ╁         | $\vdash$ | ┢            |          | Н         |
|          | 118<br>119<br>120<br>121 | <del>                                     </del> |            | H  | $\vdash$ | $\vdash$  | $\vdash$ | H            | H        | Н         |
|          | 121                      | $\vdash$   | ┢          |  |          | T         | T        |              |          |           |
|          | 122                      |  | $\vdash$   |  |          |           | t        |              | T        | П         |
|          | 122<br>123<br>124        |  |            |  |          |           |          | Π            |          |           |
|          | 124                      |  |            | •  |          |           |          |              |          |           |
|          | 125<br>126               | L  |            |  | L        | L         | <u> </u> |              | L        |           |
|          | 126                      | _  |            | _  | Ĺ        | _         | L        |              | <u> </u> | Ш         |
|          | 127                      | Ľ  | _          | <u> </u>   |          | _         | <u> </u> |              | <u> </u> |           |
|          | 128                      | ├  | <b> </b> _ | <u> </u>   |          | H         | ⊢        | _            | L        | Ш         |
|          | 129                      | H  | ⊢          |  |          | ┝         | <u> </u> |              | ├        |           |
|          | 128<br>129<br>130<br>131 | _  | ⊢          | ⊢  |          | -         | -        | ├            | ├        |           |
|          | 132                      | -  | ├-         | $\vdash$   | $\vdash$ | $\vdash$  | $\vdash$ | -            | ┢        | Н         |
|          | 133                      |  | ┢          | $\vdash$   | ⊢        | $\vdash$  | -        | -            | H        | H         |
|          | 133<br>134               | Н  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$  | $\vdash$ | $\vdash$     |          | Н         |
|          | 135                      | $\vdash$   |            | <del>                                     </del> | $\vdash$ | _         |          |              | $\vdash$ | $\vdash$  |
|          | 136                      |  | T          |  | Г        | $\vdash$  |          |              |          | П         |
|          | 136<br>137               |  |            |  |          |           |          |              |          |           |
|          | 138                      |  |            |  |          |           |          |              |          |           |
|          | 139                      | _  |            |  |          |           | _        | _            |          |           |
|          | 140                      | L.,  | <u>L</u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |          | <u> </u>  | <u> </u> | <u> </u>     |          | $\square$ |
|          | 141                      | _  | <u> </u>   |  |          |           | <u> </u> | <u> </u>     | <u> </u> | _         |
|          | 142<br>143               | <u> </u>   | -          | <u> </u>   |          | <u> </u>  | -        | <u> </u>     | ⊢        | Н         |
|          | 144                      | H  | <u> </u>   | <u> </u>   | _        | -         | <u> </u> | $\vdash$     | $\vdash$ | $\dashv$  |
|          | 145                      | _  | -          | $\vdash$   |          | <u> </u>  | $\vdash$ | <del>-</del> |          | $\vdash$  |
|          | 146                      | _  | -          |  | _        | <u> —</u> | $\vdash$ | -            | $\vdash$ | $\vdash$  |
|          | 147                      |  |            | $\vdash$   | -        |           | $\vdash$ | -            |          | $\dashv$  |
|          | 148                      |  | -          | Н  |          | $\vdash$  | $\vdash$ |              |          | $\dashv$  |
|          | 149                      |  | _          |  |          | $\Box$    |          |              | $\vdash$ | $\dashv$  |
|          | 150                      |  | _          |  |          |           |          |              |          | $\neg$    |